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Sov 1.	Between 1945 because of Cappeared out, with aphealth center gained moment US and UK per didn't penet They merely saw to it the	5 and 1949 the field of communist encroachment that by 1949 at leproximately 85% remains. The process of e	east 15% of the pining at the universiting at the universiting at the universiting at the university of 1947, particularly to the social instance. However, from	rsities and me pre-war physic versities, the not rapid but cularly after years of Sevie citutions, par	edical centers. It class were thrown to hospitals and the began slowly and official and accredited to occupation they ticularly medicine.	50X1-HUM
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1.	Between 1945 because of Cappeared out, with appeared out, with appeared I with a period of the same of	o and 1949 the field of communist encroachment that by 1949 at le proximately 85% remai proximately existenced the winter resoncel left Hungary into scratched the surface at key Communist personal key Communist personal positions. Jewish physicians who ions. The top man am nal authority in assistant where the following: In the company of the following: tan Vas, now 19547 respertment where, from a Communism, not only ut Hungary.	est upon the univergest 15% of the partial ining at the univergent of 1947, partial in the early year the social instance of the social i	rsities and me pre-war physic versities, the not rapid but cularly after rears of Sovie citutions, par a the very beg and in the more at with the US ms Dr. Bail M mentioned indi	cical centers. It class were thrown thospitals and the began slowly and official and accredited to occupation they ticularly medicine. Inning, the Soviets important administrational and the communists, in the communists, and the communists, placed in the Public base a leading on the communists.	
1.	Between 1945 because of () appeared out, with appeared Out, with appea	o and 1949 the field of Communist encroachment that by 1949 at le proximately 85% remai proximately experienced for the process of extended the surface at key Communist personal key Communist personal positions. Jewish physicians who ions. The top man am nal authority in assistant whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement whereity in a same which was a single statement which was a single statement which was a single statement whereity in a same was a si	est upon the univergest 15% of the partial ining at the univergent of 1947, partial in the early year the social instance of the social i	rsities and me pre-war physic versities, the not rapid but cularly after rears of Sovie citutions, par a the very beg od in the more at with the US mes Dr. Bail i mentioned indi- moveral top II	cical centers. It class were thrown thospitals and the began slowly and official and accredited to occupation they ticularly medicine. Inning, the Soviets important administrational and the communists, in the communists, and the communists, placed in the Public base a leading on the communists.	50X1-HUN

B. Dr. Vakac Braun, previously Ignac, and Dr. Josef Vikol were all medical doctors and pre-World War II Hungarian Communists.	The second secon

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B. Dr. Vakac Braun, pravious	
B. Dr. Vakac Braun, prays and	. "
THE PARTY LINE IN CO. L. C.	
and pre-World War II Eungarian Communists.	EOV1 LILIM
C. Dr. Stefan Ausznyck, professor MD	30×1-HUIVI
C. Dr. Stefan Rusznyak, professor MD was made chairman of the Soviet-Hungarian	
The above personalities today-February 1954 control to a great degree Hungarian	
medicine and medical research.	at.
Historical data	
3. In either 102/ 2027	
3. In either 1924 or 1925 Professor Johan Bele MD entered the US under a Ford Fellow- ahip and took post doctoral work at a leading US university. Dr. Bele was a well Public Health Commission and ac User Leading US university.	and the second second
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When he has a second of himperion Come a second of Nationa	
Tor IIS made at the Man was us studies, he lost a to the rubic Health	
torned its make a scholarships come to the mountain of Hippone.	
learned US medical methodology and practices. They, of course, introduced US methods in research and medicine when they returned to Hungary.	
44 1DB (AVA) a.c.	
favorably with that of the US and the UK. Hungary compared surgeons, appeared to be on a par with US and UK counterparts. The compared to mind, however, that	50V4 IIIIN
surgeons, appeared to be on a par with US and UK counterparts. It must be for research and medical counterparts.	50X1-HUN
for research and medical south never had sufficient funds to must be	50X1-HUM
THE SECURE LITTLE AND THE OUT DAYSICIANS	50X1-HUM
sometimes lagged a little, but eventually were able to catch up. 5. With reference to the shortages mentioned above	00/(11101)
Pop mentitioned whome	50X1-HUM
A. Ultra microscopes were lacking; in fact, there are none in	
B _*	
the country /1949/. This misses there was only one electron misses	50X1-HUN
the country 1949. This microscope was in use at the University of Buda-	
C. Tiselius electrophoretic apparatus - there was none.	
D. Untracentrifuge - Some but not	
but not in sufficient	
Several but	50X1-HUM
F. Freeze-drying equipment was and it	
F. Freeze-drying equipment was available, but only at the University of Budapest	
We Deep-culture trate	
at all of the universities	50X1-HUM
H. Phase microscopes -	50X1-HUM
6. The more prominent Hungarian medical men in 1940 were:	
He was awarded the Nobel prize for biological exidation and research in Vitamin C.	50X1-HUM
10 Vitanin C.	55, (1 1 1 5 W

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Present Trends in Besserch

The majority of Hungarian medical professors engaged in national research up to 1945 were intelligent, sincere and religious men.

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the Hungarian medical situation was in a state or disorganization, this included research as well.

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50X1-HUM CONFIDENTIAL 8. The professors engaged in research in 1945 were under the constant scrutiny of secret police who even attended lectures given by the professors. From 1945 to 1948 the Soviets engaged in imposing their own doctors and research specialists. (Approximately 10% of the medical personnel during these years were from the USBA --Russian speaking specialists.) By 1948 Communist Party influence in all fields of science was very much in evidence throughout Hungary. 9. The leading exponents of Communism in medicine from 1948 to the present were Professor Rusznyak, Mrs. Vas Sari Bakacs Braun MD, Dr. Emil Weil, Dr. Petenyi and Dr. Koloman Stol. Dr. Stol served as the liaison officer between the Soviet Army (then in Hungary) and Hungarian medical institutions. All of the above were educated in Hungary with the exception of Mrs. Vas [Sari]. She received all of her education in the Soviet Union and was purported to possess a Soviet medical diploma. 50X1-HUM Soviet or Soviet inspired professors in Hungary control, guide and supervise research within the country 50X1-HUM Among these is, of course, Professor Stefan Rusznyak who 50X1-HUM is often found visiting Moscow. A number of Hungarian physicians and scientific personnel have been sent from time to time to the Soviet Union where they have engaged in teaching and research. This practice began in 1945 and continues to the As a result, any important discoveries or contributions would present day

As a result, any important discoveries or contributions would be reported from the USSR and lauded as Soviet accomplishments. The old-line pro-50X1-HUM fessors from Hungary, in most cases, refused to travel to the USSR. Those who do take such journeys are either middle-aged or younger men. 11. The last time that Hungarian professors visited the US and returned to Hungary was in 1949. These professors, of course, returned to Hungary with latest US developments in various fields of research such as physiology, bio-chemistry and microbiology. In addition to this information they also purchased and transmitted to Hungary large numbers of texts dealing with each field. 50X1-HUM Organization and Administration of Medical Research To say that research in Hungary is government controlled doesn't necessarily follow. It is Communist controlled and as such is directed by the Communist organization called Health "Kader". The "Kader" is staffed with men of little qualification for research. Under its guidance, people who are favorable to the new government and accepted by the Communist Party are engaged in research projects. 50X1-HUM these men are inept. They may have a general idea of research, but are unable to fulfill in detail research pro-50X1-HUM jects. To say that extensive research is carried out in Eungary is not tree. The more eminent German and Hungarian doctors engaged in research do not work in Hungary but in the USSR. Research Facilities 14. The independent (pre World War II) research programs and individual research instiunder direct control and jurisdiction tutions of Hungary are of Communist leaders and directors. Two Hungarian Communists, perhaps the most 50X1-HUM influential in shaping the medical research programs and determining scientific policies are Dr. Rail Weil and Professor Stefan Russnyak. All Hungarian research institutions reel their impact. The Minister of Public Welfare, the Minister of Public Health and the Ministry of Education (which authorizes and approves the university research programs) all must obtain senction and approval for projected research from the two previously mentioned individuals. CONTIDENTIAL

Entl Wetl has perhaps the man of Carmidable position tin the entire medical setup in d when medical personnel will be assigned, whether Hungary. He determines where the

maior Physicians Labor Union of Eungary.

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, .	or not they should be sent to labor camps, or for that matter, what should be done	rum bugu hutin ayan sahijih mjithi siya akkin s S
	with those considered disloyal.	50X1-HUM
22.	Wielding power on a level with Dr. Emil Weil and Professor Stefan Rusznyak in Hungarian medical science (which includes medicine, public health, physicians, drug concerns, etc.) is Mrs. Vas, also known as Mrs. Sari. This woman handles Communist medical interests throughout	50X1-HUM
	the entire country. She also has the power to discharge personnel, to handle and manipulate matters as she deems necessary to the interests of the Communist Party in Hungary.	
23.	The Public Health Counsel for Hungary is Dr. Petenyi. He was once assistant professor of medicine at the University of Budapest.	
24.	The President of the Soviet Hungarian Scientific Society is Dr. Stefan Rusznyak. Prior to this position he was professor of internal medicine at the University at Szeged. Rusznyak spends approximately one month of every six in the Soviet Union. Rusznyak, as Director, is in charge of all scientific research conducted throughout Hungary.	50X1-HUM
	in a square of manager j.	50X1-HUM
Pers	Onnel Potential	
25.		50X1-HUM
	the training is prodigious, is intensive, and most exacting even though the projects are sponsored and directed by Communists. It must be remembered that a number of the capable professors are at present teaching in these universities. Many of these people are doctors of medicine. Relative to the caliber of this personnel	50X1-HUM
,	age by reputation and experience. The remaining 50% are inept and unqualified (a situation which stems from political patronage and political philosophy).	50X1-HUM
		50X1-HUM
Facil	ities	
26.	Research facilities, research institutions and the large plants such as Chinoin, Visted, Richter, Phyloxia, Bayer and Isenti have all fallen victims to nationalization. No longer are they privately owned, no longer do they pursue independent and objective research. The laboratories of all these institutions, in addition to the various national foundations, have lost their independent and individually	50// 11/10
	private identities. several of the above plants were damaged during World War II, but by 1950 all were totally repaired and physically capable of 1005	50X1-HUM
	in mid 1959 funds for projects deemed vital to the New Hungarian State were always averlable through "Kader"	50X1-HUM
27.	At the end of World War II quantities of medical equipment and laboratory machines were transferred from Hungary to Austria with some of this equipment being shipped to Argentina. some of it is still in Austria, but much had been returned to Hungary to the Communists.	50X1-HUM
	Ultracentrifuge, Warburg mnometers, freeze-drying equipment and deep culture vats were in existence in Hungary in 1950 [see paragraph 5 above]. It must be remembered that although the amounts seem inedequate they were sufficient for the needs of Hungary which has less than 10 million people. Most research equipment was desectically manufactured. These was some import from Jena,	50X1-HUM

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2.57	East Germany and from Siemensstadt Berlin, USSR Zone. Such imports were comprised of small precision instruments such as microscopes.	A STATE OF THE STA
. 2	29. All of the facilities which Dr. Johan Bela built up and developed prior to Communist control are still in existence throughout the various health centers in Hungary. By and large, the personnel employed at the Public Health Institute have had medical training.	
P	roduction	
3	O. Chemicals, media, dyes, glassware, light microscopes, X-ray film, medical instruments, and similar apparatus were locally manufactured in quantities parallel to	
	and cameras utilized in Hungarian research.	50X1-HUM
31	l. Up to mid-1949, an interchange of ideas as to medical equipment and types existed	
26		50X1-HUM
34	Experts were made to the Middle East, to sent to these countries consisted of X-ray these, electric bulbs and radio tubes. Drugs shipped to were Filix-maris and its components (manufactured)	
	at Chinoin) and hormones which were manufactured at Richter.	50X1-HUM
34	patient clinics, is composed by and love of that is at the hospitals and out-	50X1-HUM
	under the New State Socialized Medical Program. and non-professional, are covered socialized medicine.	50X1-HUM
	evalent Medical Problems	50X1-HUM
37•	Hungary. It could devote its efforts to eliminating existing ailments. The following need attention: (1) TB, (2) venereal disease, the usual types (gonorrhea and syphilis) which were spread by the Soviet forces among the Hungarian population, (3) undernourishment primarily the lack of proteins which in general affects the physical being of a majority of the Hungarian population it is weak and debilitated, (4) lack of vitamins (a dire need). This has brought about a widespread condition of tooth decay and rickets. An adverse effect due to the lack of vitamins and proteins can best be described by the fact that Hungarian workers are unable to fulfill the norms that are set up by the New State, (that is the Communist state). Stakhanovites, in particular, are affected because in this realm of Soviet and socialized endeavor such individuals must be 100% physically fit. The conditions	
	as described above are perhaps at their worst in the forced labor camps. Within such camps, the bulk of them representative of the middle class of that country.	50X1-HUM
Pote	ential for Research	
36.	prove a bar; for when the Soviets entered European tesearch, lack of personnel should not a	0X1-HUM
	and research workers according to their abilities and specialties. However the USSR is not interested in the welfare of the total population of Rungary, but will direct such research as it deems necessary to fulfill its own requirements.	50X1-HUM
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Pul	plication of Scientific Papers and Norm Requirements	
37	Prior to World War II it was difficult to have scientific papers published for the simple reason that such scientific papers and research results were critically scrutinized by competent people at the universities and scientific organizations throughout the country. Such offerings were checked by experts who passed upon their merits. This is not the case in present day Hungary for the Soviet program appears to be interested only in numbers (production) rather than quality. Therefore, it designates and assigns projects to its personnel without due consideration for the quality of the finished product. Quality is not necessarily the essential point. The end in view is mass production and fulfilling the norm requirements. Proposed research programs are those selected by the new Hungarian state and devised primarily to meet the needs and requirements of the Party and its personnel.	
	Research projects are always set up under the five-year plan, similar to that practiced in the Soviet Union.	50X1-HUM
Lib	rary Facilities	
J7•	When the Soviet occupation forces first arrived in Hungary and manipulated control over the universities, they were keenly interested in the library facilities of the country. Immediately after they had taken over the libraries, there was a mass burning of texts and scientific journals, periodicals, etc, primarily those which had not been written or developed by the personnel who were placed in key positions by the Soviets. After they had destroyed texts and documents, the various university professors in the field of medicine were quite concerned because of the lack of source material. Consequently the professors, even the Communists, searched throughout the various university towns for such texts. In most instances, what texts were obtained were collected from private sources. The setup today is such that all scientific writings, no matter whether they be periodicals, journals, texts, etc., are acquired directly through the offices of Professor Stefan Rusznyak.	,
40.	The average professor can procure only the following scientific writings: (1) those of USSR origin, (2) East German origin, (3) origin, (4) other satellite countries. The USSR writings used as source material contain short resumes lifted from publications from other parts of the world (from those fields of scientific research which are of manifest interest to the Soviet Union). Such extractions are translated into Hungarian.	50X1-HUM 50X1-HUM
41.	Scientists definitely do not have ready access to medical literature from foreign countries (other than the Eastern orbit). In order to avail themselves of foreign medical publications, they must contact Dr. Rusznyak and Dr. Petenyi who control such publications. Publications from the UB and the Western powers are not available. This is so because Rusznyak controls the release of such publications. For political reasons, he does not release such works to scientific personnel. Provision for translation of foreign documents is effected through the office of Dr. Russnyak.	50X1-HUM 50X1-HUM
42.	With reference to foreign journals which are read by scientists, the majority are USSR. East German, and the	
	satellite countries. journals are censored by the offices of Dr. Rusznyak.	50X1-HUM
	arian Medical Literature	

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Edi	ucation and Training	
48.	Universities concerned with medical training and education in Hungary are Szeged, Budapest, Debrecen and Pecs. The facilities are the same at all of these colleges. In 1948 the system and pattern of education in Hungary was changed. The German methods and techniques were abolished and the French system instituted. The number of medical students who graduate each year at universities of Hungary is as follows:	
	From Budapest about 300 From Szeged 120 From Debrecen 100-120	
	From Pecs 120	and a second
	The general level of medical instruction in the universities should be good because a number of the old-line professors primarily interested in medicine and not Communism, are still retained on the staffs.	
49.		50X1-HUM
	Practices existent prior to World War II continue. The professors lecture part time and a? engage in research, and research given to undergraduate students in the Hungarian medical colleges is guite similar to that in the III. The professors	50X1-HUM
	is quite similar to that in the US. Techniques in research are included in the undergraduate curriculum of a medical student. Research facilities are not as elaborate nor as extensive as in the US. Consequently, the laboratories, etc. are more crowded and students are of course slowed down by virtue of insufficient equipment.	et e la care
	By and large, the students who enter the medical colleges are drawn from the working class. The primary requisite for entrance is based on what the Communist state considers a clean political background. Checking is done, not only of the student during his previous educational years, but of his family as well. The students who enter the university are given state scholarships which range from 300 to 400 floring per wonth. That is approximately US\$10 per month.	
	During the fall semester of 1953 over 1260 medical students made application at the University of Budapest. 200 were admitted. It takes six years to complete a medical education. The first two years are referred to as the College. The last four years are called the University (School of Medicine). When the student enters the University he period his study of medicine.	
	such education, the student is required to spend several months at various university clinics garnering practical experience in surgery and the various techniques required of the medical man. Upon the completion of such practical experience, he	50X1-HUM
	are successfully completed, he is then given the degree Doctor of Medicine. Ac-	50X1-HUM
	in the US As can be seen, this is incorporated into the curriculum of the medical colleges. The medical students are required by law to spend two months with the military each year. During these two months such students are expected to learn the practical application of military medicine.	50X1-HUM
1	Medical students are required to study the Russian language each year and are subsequently feach year required to pass successfully examinations in the Russian language. New subjects introduced under the New State are studies in Leninism, Marxism and Stalinism, the necessary political indoctrination.	
	time scientific level (particularly in the medical field) in Eungary as compared to the satellites, did not drop as such after World War II.	50X1-HUM
53. 1	with reference to postgraduate work in postuar Hungary, the courses are merely routine courses and the setup as it exists now is temporary. The percentage of students who take postgraduate training in Hungary is entirely	50X1-HUM

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